

# Lingling Wang

## List of Publications by Year in descending order

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15  
papers

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840776

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#	ARTICLE	IF	CITATIONS
1	Osteogenic, Angiogenic, and Antibacterial Bioactive Nano-Hydroxyapatite Co-Synthesized Using $\text{L}^3$ -Polyglutamic Acid and Copper. ACS Biomaterials Science and Engineering, 2020, 6, 1920-1930.	5.2	11
2	Complexation and conformation of lead ion with poly- $\text{L}^3$ -glutamic acid in soluble state. PLoS ONE, 2019, 14, e0218742.	2.5	7
3	Experimental and theoretical analyses on the impacts of ionic surfactants on sludge properties. Science of the Total Environment, 2018, 633, 198-205.	8.0	20
4	Purification and molecular weight distribution of a key exopolysaccharide component of Bacillus megaterium TF10. Journal of Environmental Sciences, 2018, 63, 9-15.	6.1	12
5	Hydrogen bonding impact on chitosan plasticization. Carbohydrate Polymers, 2018, 200, 115-121.	10.2	78
6	Improved production of poly- $\text{L}^3$ -glutamic acid with low molecular weight under high ferric ion concentration stress in Bacillus licheniformis ATCC 9945a. Process Biochemistry, 2017, 56, 30-36.	3.7	18
7	Conformations and molecular interactions of poly- $\text{L}^3$ -glutamic acid as a soluble microbial product in aqueous solutions. Scientific Reports, 2017, 7, 12787.	3.3	35
8	Birnessite ( $\text{MnO}_2$ ) Mediated Degradation of Organoarsenic Feed Additive <i>p</i> -Arsanilic Acid. Environmental Science & Technology, 2015, 49, 3473-3481.	10.0	117
9	Principles and application of laser light scattering (LLS) in characterization of the spatial configuration of microbial products in aqueous solution. Trends in Environmental Analytical Chemistry, 2015, 8, 12-19.	10.3	0
10	Arsenic pollution of agricultural soils by concentrated animal feeding operations (CAFOs). Chemosphere, 2015, 119, 273-281.	8.2	94
11	Surfactant-mediated settleability and dewaterability of activated sludge. Chemical Engineering Science, 2014, 116, 228-234.	3.8	54
12	Hydration interactions and stability of soluble microbial products in aqueous solutions. Water Research, 2013, 47, 5921-5929.	11.3	29
13	Spatial configuration of extracellular polymeric substances of Bacillus megaterium TF10 in aqueous solution. Water Research, 2012, 46, 3490-3496.	11.3	18
14	pH Dependence of Structure and Surface Properties of Microbial EPS. Environmental Science & Technology, 2012, 46, 737-744.	10.0	225
15	A new polystyrene-latex-based and EPS-containing synthetic sludge. Frontiers of Environmental Science and Engineering, 2012, 6, 131-139.	6.0	1